Endoglucanase 5 (AT1G48930) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endoglucanase 5 (At1g48930), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Endoglucanase 5 (At1g48930) , partial
Product Gene Name	At1g48930 recombinant protein
Product Synonym Gene Name	At1g48930
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	69,080 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9M995
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At1g48930 recombinant protein	MBS1385405 is a recombinant protein targeting At1g48930. Also known as Recombinant Arabidopsis thaliana Endoglucanase 5 (At1g48930) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of At1g48930 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for At1g48930. It may not necessarily be applicable to this product.

NCBI GI #	15222010
NCBI GeneID	841315
NCBI Accession #	NP_175323.1
UniProt Primary Accession #	Q9M995
UniProt Related Accession #	Q9M995
GenBank Nucleotide #	NM_103786.3
NCBI Official Full Name	glycosyl hydrolase 9C1
NCBI Official Symbol	GH9C1

NCBI Official Synonym Symbols	AtGH9C1; F27K7.5; glycosyl hydrolase 9C1
UniProt Protein Name	Endoglucanase 5
UniProt Synonym Protein Names	Endo-1,4-beta glucanase 5
UniProt Gene Name	At1g48930
NCBI Protein Information	glycosyl hydrolase 9C1
Research Articles on At1g48930	**1.** the ectopic expression of AtCel6 in soybean roots reduces susceptibility to soybean cyst nematode (SCN) and root knot nematode and Suppression of GmCel7, the soybean homologue of AtCel2, in soybean roots also reduces the susceptibility to SCN. [AtCel6]
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